



MDS &lt;maxieds@gmail.com&gt;

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## Obtaining a small amount of funding for applied crypto research

3 messages

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**Maxie Schmidt** <maxieds@gmail.com>

Wed, Aug 19, 2020 at 1:36 AM

To: michael lacey &lt;lacey.michaelt@gmail.com&gt;, rachel@math.gatech.edu

Hello, esteemed professors.

As you are aware I have substantial research interests in both pure mathematics, and software development. I am in need of support for an important project to me related to low-level AVR-based software development, applied cryptography, and NFC pen-testing (security penetration testing) hardware development. This has been an active interest of mine since arriving on campus at GA Tech in 2017.

I am appealing to you all here since I know that each of you have grants for research within the SOM. What my proposal entails is very "small beans", so to speak, compared to anything that you all might otherwise encounter. I hope that you all will please bear with me, and take the time to read through my attached proposal for the project.

I am of course usually available to talk on the phone, over bluejeans, and email.

Thank you all for being willing to talk with me candidly. I can provide more information about my end of the proposed funding project anytime that you are available.

Sincerely,

Maxie Dion Schmidt  
Ph.D. Candidate, SOM  
<http://people.math.gatech.edu/~mschmidt34/>

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 **Proposal for funding of a functional DESFire NFC firmware stack for Chameleon Mini devices.pdf**  
2299K

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**michael lacey** <lacey.michaelt@gmail.com>

Wed, Aug 19, 2020 at 10:53 AM

To: Maxie Schmidt &lt;maxieds@gmail.com&gt;

Maxie,

Any funding is awarded for a particular research purpose. This request doesn't benefit a mathematical outcome. The wording of the proposal does not make it clear that there is even a research outcome. GT has serious restraints on the support that is awarded from grants, just so that award funding benefits the research purpose. GT literally has 100's millions of award funding hinging upon faithful administration of awards.

When I arranged for additional funding to you, I certified that it was for work on Mertens function.

These sorts of requests, coming in blind, don't come across well.

Professor Kuske suggests that there could be some funding for research funding for special requests from graduate students. I can't point directly to such a webpage. But, keep in mind that budget cuts have been pretty severe. I am sure that the University is concerned about additional cuts coming up.

Michael Lacey

Wed, Aug 19, 2020 at 12:29 PM

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